L Number	Hits	Search Text	DB	Time stamp
1	5469	stringer?	USPAT; US-PGPUB	2003/05/01 19:04
4	354447	ion or ions	USPAT; US-PGPUB	2003/05/01 19:05
7	61	stringer? same (ion or ions)	USPAT; US-PGPUB	2003/05/01 19:05
10	60	(stringer? same (ion or ions)) same (etch$ or remov$)	USPAT; US-PGPUB	2003/05/01 19:07
13	16	(stringer? same (ion or ions)) same (magnet$ or field)	USPAT; US-PGPUB	2003/05/01 19:11
16	60	((stringer? same (ion or ions)) same (etch$ or remov$)) or ((stringer? same (ion or ions)) same (magnet$ or field))	USPAT; US-PGPUB	2003/05/01 19:11
19	1	(stringer? same (ion or ions)) same bend$	USPAT; US-PGPUB	2003/05/01 19:12
22	0	(stringer? same (ion or ions)) same (divert$ or deflect$)	USPAT; US-PGPUB	2003/05/01 19:12
25	60	((stringer? same (ion or ions)) same (magnet$ or field)) or ((stringer? same (ion or ions)) same bend$) or (((stringer? same (ion or ions)) same (etch$ or remov$)) or ((stringer? same (ion or ions)) same (magnet$ or field)))	USPAT; US-PGPUB	2003/05/01 19:13
28	17	(((stringer? same (ion or ions)) same (magnet$ or field)) or ((stringer? same (ion or ions)) same bend$) or (((stringer? same (ion or ions)) same (etch$ or remov$)) or ((stringer? same (ion or ions)) same (magnet$ or field)))) and (((stringer? same (ion or ions)) same bend$) or ((stringer? same (ion or ions)) same (magnet$ or field)))	USPAT; US-PGPUB	2003/05/01 19:13
31	43	(((stringer? same (ion or ions)) same (magnet$ or field)) or ((stringer? same (ion or ions)) same bend$) or (((stringer? same (ion or ions)) same (etch$ or remov$)) or ((stringer? same (ion or ions)) same (magnet$ or field)))) not (((((stringer? same (ion or ions)) same (magnet$ or field)) or ((stringer? same (ion or ions)) same bend$) or (((stringer? same (ion or ions)) same (etch$ or remov$)) or ((stringer? same (ion or ions)) same (magnet$ or field)))) and (((stringer? same (ion or ions)) same bend$) or ((stringer? same (ion or ions)) same (magnet$ or field))))	USPAT; US-PGPUB	2003/05/01 19:13

(FILE 'HOME' ENTERED AT 11:00:26 ON 31 MAY 2001)

FILE 'USPATFULL' ENTERED AT 11:00:32 ON 31 MAY 2001

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L1      190450 S PLASMA? OR SPUTTER? OR CORONA? OR RIE OR MERIE OR MRIE OR
GLO
L2       75019 S L1(P)(?ETCH? OR PATERN? OR PATTERN? OR REMOV?)
L3       14440 S (POLYSI OR POLYSILICON?)(10A)(?ETCH? OR PATERN? OR PATTERN?
O
L4       26986 S POLY?(W)(SI OR SILICON?)
L5        5900 S L4(10A)(?ETCH? OR PATERN? OR PATTERN? OR REMOV?)
L6       18898 S L3 OR L5
L7        6035 S L2(P)L6
L8        1376 S L7(P)(O2 OR OXYGEN? OR O(W)SUB(W)2)
L9         944 S L8(P)(HALOGEN? OR HALID? OR CL2 OR F2 OR I2 OR BR2 OR CL OR
F
L10        324 S L8(P)(FLUORINE? OR CHLORINE? OR BROMINE? OR IODINE? OR
?FLUOR
L11          2 S L8(P)(SICL4 OR SIF4 OR SIBR4 OR SII4 OR BCL3 OR BF3 OR BI3
OR
L12        159 S L8(P)(SICL OR SIF OR SIBR OR SII OR BCL OR BF OR BI OR BBR
OR
L13         87 S L8(P)(?FLUORO? OR ?CHLORO? OR ?BROMO? OR ?IODO?)
L14         25 S L8(P)(FREON OR FLON)
L15       1094 S L9 OR L10 OR L11 OR L12 OR L13 OR L14
L16          8 S L15(P)STRINGER?
L17          4 S L16(P)(OVER(W)ETCH? OR OVERETCH? OR MAIN(W)ETCH? OR
PREETCH?
L18          0 S L16(P)(ME OR OE)
L19          1 S L16(P)ISOTROPIC?
L20          4 S L16(P)(RATE# OR SPEED OR FAST? OR SLOW?)
L21          4 S L16(P)(SCCM OR LPM OR LPH OR CC OR CFM OR FLOW)
L22     288156 S (1ST OR 2ND OR FIRST OR SECOND OR STEP# OR 1 ST OR 2
ND)(5A)(
L23          5 S L15(P)L22
L24          6 S L15(P)(  OR PERCENT? OR CONC? OR DUST# OR DIRT OR DEBRIS OR
?
L25          0 S L15(P)(MTORR# OR KPA# OR PA OR PAS OR TORR# OR PASCAL# OR
BAR
L26     394206 S (1ST OR 2ND OR FIRST OR SECOND OR STEP# OR 1 ST OR 2
ND)(10A)
L27          5 S L15(P)L26
L28          8 S L16 OR L17 OR L19 OR L20 OR L21 OR L23 OR L24 OR L27
L29         86 S L15(P)(OVER(W)ETCH? OR OVERETCH? OR MAIN(W)ETCH? OR
PREETCH?
L30        340 S L15(P)(ME OR OE OR ANISOTROPIC?)
L31         30 S L15(P)ANISOTROPIC?(P)ISOTROPIC?
L32          1 S L15(P)(ME OR OE)
L33        372 S L15(P)L22
L34        422 S L15(P)(  OR PERCENT? OR CONC? OR DUST# OR DIRT OR DEBRIS OR
?
L35        136 S L15(P)(MTORR# OR KPA# OR PA OR PAS OR TORR# OR PASCAL# OR
BAR
L36        422 S L15(P)L26
L37        814 S L28 OR L29 OR L30 OR L31 OR L32 OR L33 OR L34 OR L35
L38        375 S L37(P)(ISOTROPIC? OR ANISOTROPIC?)
L39        814 S L37 OR L38
L40      33913 S (O2 OR OXYGEN? OR O(W)SUB(W)2)(10A)(?ETCH? OR PATERN? OR
PATT
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L41      792 S L6(10A)L40
L42      340 S L39 OR L41
             SAVE VIAL42/A L42
L43        4 S L28 AND L42
L44        4 S L29 NOT L43
L45       16 S L31 AND L42
L46       16 S L45 NOT L28
L47      320 S L42 NOT (L43 OR L45)
             DEL ANODEL22/A
             SAVE VIAL47/A L47
L48       45 S L47 AND (POLYSI OR POLYSILICON?)/TI
L49        5 S L47 AND (POLY?(W)(SI OR SILICON?))/TI
L50       50 S L48 OR L49
L51        7 S L47 AND MOS/TI
L52       56 S L50 OR L51
L53        4 S L47 AND POLY/TI
L54       60 S L52 OR L53
L55      260 S L47 NOT L54
             DEL ETCHL6/A
             DEL ETCHL42/A
             SAVE VIAL54/A L54
             SAVE VIAL55/A L55
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=> d his

(FILE 'REGISTRY' ENTERED AT 15:10:41 ON 23 MAY 2001)
          DEL HIS
L1   1 S POLYSILICON/CN
L2   6 S BROMINE/CN OR HYDROGEN BROMIDE/CN OR CARBON
TETRAFLUORIDE/CN
L3   1 S NITROGEN TRIFLUORIDE/CN
L4   8 S OXYGEN/CN OR OZONE/CN OR CARBON OXIDE/CN OR CARBON
DIOXIDE/CN
L5   2 S CHLORINE DIOXIDE/CN OR CHLORINE MONOXIDE/CN OR CHLORINE
OXIDE

      FILE 'CA' ENTERED AT 15:12:53 ON 23 MAY 2001
L6   87970 S (?ETCH? OR PATERN? OR PATTERN? OR REMOV?) AND (PLASMA? OR
SPU
L7   19788 S L6 AND (POLYSI? OR SILICON? OR SI OR L1)
L8   4167 S L7 AND (L4 OR OXYGEN? OR OZON? OR (CARBON OR SULFUR? OR
SULPH
L9   4544 S L7 AND (O3 OR O2 OR SO OR SO2 OR NO OR NO2 OR N2O4 OR NO3
OR

      FILE 'REGISTRY' ENTERED AT 15:16:14 ON 23 MAY 2001
L10   1344 S ?NITROGEN?/CNS AND ?OXIDE?/CNS

      FILE 'CA' ENTERED AT 15:16:40 ON 23 MAY 2001
L11   337 S L7 AND L10
L12   236 S L7 AND ((NITROGEN? OR DINITROGEN?)(3A)(OXIDE? OR DIOXIDE?
OR
L13   7027 S L8 OR L9 OR L11 OR L12
L14   8 S L13 AND ?STRINGER?
L15   1011 S L13 AND (RESIDUE? OR ?CLEAN? OR ?CONTAMINAT? OR DUST# OR
DIRT
L16   292 S L13 AND PARTICL?
L17   1228 S L14 OR L15 OR L16
L18   1607 S L13 AND (1ST OR 2ND OR 1 ST OR 2 ND OR FIRST OR SECOND OR
STE
L19   2556 S L17 OR L18
L20   528 S L13 AND (ISOTROPIC? OR ANISOTROPIC?)
L21   2885 S L19 OR L20
L22   1165 S L21 AND (HALOGEN? OR HALID? OR L5 OR CHLORIN? OR ?CHLORID?
OR
L23   806 S L21 AND (IODINE? OR ?IODID? OR BR OR CL OR I OR F OR BR2 OR
I
L24   700 S L21 AND (CF4 OR C2F6 OR C3F8 OR C4F10 OR C5F12 OR
DIFLUORID?
L25   190 S L21 AND (DICHLORID? OR TRICHLORID? OR BCL3 OR SICL4 OR
TETRAC
L26   4 S L21 AND (SIBR4 OR SII4 OR SIBR4)
L27   1531 S L22 OR L23 OR L24 OR L25 OR L26
L28   12 S L27 AND ?STRING?

      FILE 'JAPIO' ENTERED AT 15:26:44 ON 23 MAY 2001
L29   2311 S L21
L30   4 S L29 AND STRING?

      FILE 'INSPEC' ENTERED AT 15:29:11 ON 23 MAY 2001
L31   6 S L30

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        FILE 'CA' ENTERED  T 15:33:34 ON 23 MAY 2001
L32         1519 S L27 NOT L28
L33           59 S L32 AND (OVERETCH? OR OVER(W)ETCH?)
L34           92 S L32 AND (ETCH?(3A)RESIDUE?)
L35           39 S L32 AND ISOTROPIC? AND ANISOTROPIC?
L36          176 S L33 OR L34 OR L35
L37           25 S L32 AND PARALLEL?(3A)PLATE?
L38          199 S L36 OR L37
L39           40 S L38 AND (RIE OR MRIE OR MERIE)
L40          199 S L38 OR L39


        FILE 'JAPIO' ENTERED AT 15:36:36 ON 23 MAY 2001
L41          203 S L29 AND (OVERETCH? OR OVER(W)ETCH? OR ETCH?(3A)RESIDUE? OR
PA
L42          198 S L41 NOT BATTERY


     FILE 'CA' ENTERED AT 15:45:08 ON 23 MAY 2001
              SAVE POLYSIL40/A L40
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(FILE 'HOME' ENTERED AT 18:43:44 ON 01 MAY 2003)

FILE 'CAPLUS' ENTERED AT 18:43:54 ON 01 MAY 2003
L1   1364 S STRINGER?
L2   1693708 S ETCH? OR PATERN? OR PATTERN? OR REMOV?
L3   601171 S POLYSI OR POLY OR POLYSILICON? OR (POLYC?(W)(SI OR
SILICON?)
L4   108155 S BEND?
L5   1326001 S IONS OR ION
L6   0 S L1 AND L3 AND L4 AND L5
L7   16 S L1 AND L2 AND L5
L8   7 S L7 AND L3
L9   16 S L7 OR L8

FILE 'JAPIO' ENTERED AT 18:46:30 ON 01 MAY 2003
L10   3 S L9

FILE 'INSPEC' ENTERED AT 18:46:47 ON 01 MAY 2003
L11   4 S L9

FILE 'USPAT2' ENTERED AT 18:47:12 ON 01 MAY 2003
L12   0 S L1(P)L3(P)L4(P)L5
L13   2 S L1(P)L2(P)L5
L14   0 S L13(P)L3
L15   0 S L6
L16   19 S L7
L17   17 S L16 NOT L13